

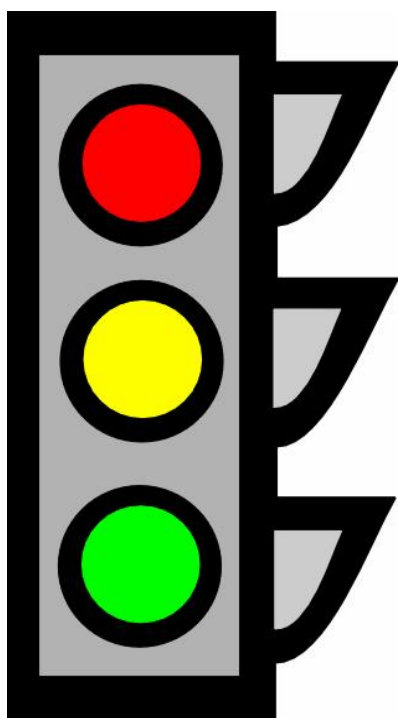
Date	Time	4µm counts/mL	6µm counts/mL	14µm counts/mL	21µm counts/mL	4µm ISO code	6µm ISO code	14µm ISO code	21µm ISO code
12/12/2005	07:01:11	2500000	20406	73	16	29	22	13,8	11,6
12/12/2005	07:04:12	2500000	20204	68	14	29	22	13,7	11,4
12/12/2005	07:07:12	2500000	22333	67	15	29	22,1	13,6	11,5
12/12/2005	07:10:12	2500000	28346	119	14	29	22,4	14,4	11,4
12/12/2005	07:13:12	2500000	160000	109	11	29	25	14,3	11,1
12/12/2005	07:16:12	2500000	32698	145	13	29	22,6	14,8	11,3
12/12/2005	07:19:13	2500000	33026	82	8,436	29	22,6	14	10,6
12/12/2005	07:22:13	2500000	35805	127	8,587	29	22,7	14,5	10,7
12/12/2005	07:25:13	2500000	2500000	321	9,561	29	29	16	10,9



On-line cleanliness levels can be viewed in real time. Fuel cleanliness data can be saved to Excel and archived for total traceability and quality control.

What do the particle counts mean and how can they be interpreted into fuel cleanliness?

A sample flow is sent to the laser eye chamber, which is representative of overall fuel contamination levels.



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Red: Contamination HIGH, signifying unacceptable levels of **SOAPS, MOISTURE, PRODUCTION RESIDUES AND SOLID CONTAMINANTS.**

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20.1

Amber: Contamination STILL TO HIGH

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Green: Fuel cleanliness ACCEPTABLE



Cleanliness Code	Particle count/ml	Cleanliness Code	Particle count/ml	Cleanliness Code	Particle count/ml
≥ 29	2500000	26	320000	22	20000
28.9	2380000	25.9	304000	21.9	19000
28.8	2260000	25.8	288000	21.8	18000
28.7	2140000	25.7	272000	21.7	17000
28.6	2020000	25.6	256000	21.6	16000
28.5	1900000	25.5	240000	21.5	15000
28.4	1780000	25.4	224000	21.4	14000
28.3	1660000	25.3	208000	21.3	13000
28.2	1540000	25.2	192000	21.2	12000
28.1	1420000	25.1	176000	21.1	11000
28	1300000	25	160000	21	10000
27.9	1234000	24.9	152000	20.9	9500
27.8	1168000	24.8	144000	20.8	9000
27.7	1102000	24.7	136000	20.7	8500
27.6	1036000	24.6	128000	20.6	8000
27.5	970000	24.5	120000	20.5	7500
27.4	904000	24.4	112000	20.4	7000
27.3	838000	24.3	104000	20.3	6500
27.2	772000	24.2	96000	20.2	6000
27.1	706000	24.1	88000	20.1	5500
27	640000	24	80000	20	5000
26.9	608000	23.9	76000	19.9	4750
26.8	576000	23.8	72000	19.8	4500
26.7	544000	23.7	68000	19.7	4250
26.6	512000	23.6	64000	19.6	4000
26.5	480000	23.5	60000	19.5	3750
26.4	448000	23.4	56000	19.4	3500
26.3	416000	23.3	52000	19.3	3250
26.2	384000	23.2	48000	19.2	3000
26.1	352000	23.1	44000	19.1	2750
		23	40000	19	2500
		22.9	38000	18.9	2380
		22.8	36000	18.8	2260
		22.7	34000	18.7	2140
		22.6	32000	18.6	2020
		22.5	30000	18.5	1900
		22.4	28000	18.4	1780
		22.3	26000	18.3	1660
		22.2	24000	18.2	1540
		22.1	22000	18.1	1420
				18	1300
				17.9	1234
				17.8	1168
				17.7	1102
				17.6	1036
				17.5	970
				17.4	904
				17.3	838
				17.2	772
				17.1	706
				17	640